

**COUNTY OF SAN LUIS OBISPO BOARD OF SUPERVISORS  
AGENDA ITEM TRANSMITTAL**

(1) DEPARTMENT Public Works	(2) MEETING DATE 4/2/2013	(3) CONTACT/PHONE Jeff Werst, Design Engineer (805) 781-4480	
(4) SUBJECT Letter transmitting plans and specifications (Clerk's File) for 2013 Chip Seal, Various Roads, San Luis Obispo County, for Board approval and advertisement for construction bids. The recommended bid opening date is Thursday, April 25, 2013. Districts 1, 2, 5.			
(5) RECOMMENDED ACTION In accordance with applicable State Law, it is our recommendation that your Honorable Board: <ol style="list-style-type: none"> <li>1. Approve the project and adopt the plans and specifications for the construction of the 2013 Chip Seal, Various Roads, San Luis Obispo County, Contract No. 245R12B574; and</li> <li>2. Authorize the contract to be advertised for construction bids. The recommended bid opening date is Thursday, May 2, 2013; and</li> <li>3. Provide the Public Works Director, or his designee, the discretion to extend the bid opening date to a date deemed more appropriate by the Director or his designee, so long as any such extension is in compliance with all applicable laws.</li> </ol>			
(6) FUNDING SOURCE(S) Road Fund – Pavement Management Program	(7) CURRENT YEAR FINANCIAL IMPACT \$1,048,271.00	(8) ANNUAL FINANCIAL IMPACT \$0.00	(9) BUDGETED? Yes
(10) AGENDA PLACEMENT <input checked="" type="checkbox"/> Consent <input type="checkbox"/> Presentation <input type="checkbox"/> Hearing (Time Est. ____ ) <input type="checkbox"/> Board Business (Time Est. ____ )			
(11) EXECUTED DOCUMENTS <input type="checkbox"/> Resolutions <input type="checkbox"/> Contracts <input type="checkbox"/> Ordinances <input checked="" type="checkbox"/> N/A			
(12) OUTLINE AGREEMENT REQUISITION NUMBER (OAR) N/A		(13) BUDGET ADJUSTMENT REQUIRED? BAR ID Number: N/A <input type="checkbox"/> 4/5th's Vote Required <input checked="" type="checkbox"/> N/A	
(14) LOCATION MAP Attached	(15) BUSINESS IMPACT STATEMENT? No	(16) AGENDA ITEM HISTORY <input checked="" type="checkbox"/> N/A    Date:	
(17) ADMINISTRATIVE OFFICE REVIEW  <i>Nikki J. Schmidt</i>			
(18) SUPERVISOR DISTRICT(S) District 1 - District 2 - District 5 -			

Reference: 13APR02-C-3

## County of San Luis Obispo



TO: Board of Supervisors

FROM: Public Works  
Jeff Werst, Design Engineer  
Don Spagnolo, Project Manager

VIA: Dave Flynn, Deputy Director of Public Works

DATE: 4/2/2013

SUBJECT: Letter transmitting plans and specifications (Clerk's File) for 2013 Chip Seal, Various Roads, San Luis Obispo County, for Board approval and advertisement for construction bids. The recommended bid opening date is Thursday, April 25, 2013. Districts 1, 2, 5.

### **RECOMMENDATION**

In accordance with applicable State Law, it is our recommendation that your Honorable Board:

1. Approve the project and adopt the plans and specifications for the construction of the 2013 Chip Seal, Various Roads, San Luis Obispo County, Contract No. 245R12B574; and
2. Authorize the contract to be advertised for construction bids. The recommended bid opening date is Thursday, May 2, 2013; and
3. Provide the Public Works Director, or his designee, the discretion to extend the bid opening date to a date deemed more appropriate by the Director or his designee, so long as any such extension is in compliance with all applicable laws.

### **DISCUSSION**

The Department of Public Works maintains 1,092 miles of paved roads, 241 miles of dirt roads and 194 bridges. For the paved system, the department evaluates the field conditions of the roads, and develops pavement rehabilitation strategies to best use available funding to extend the life cycle of the roads. Based on existing funding levels, the following are the current "pavement preservation" maintenance targets:

- 34 miles for chip seal per year
- 26 miles for micro surfacing per year
- 5 miles of asphalt overlay per year

The most cost effective treatment for the rural roadways is to provide a chip seal over the surface, which will extend the pavement life up to ten years for streets that are in generally good condition without significant deterioration. The 2013 chip seal contract will resurface 34 miles of County roads in the North County and North Coast areas.

Chip seal work, however, does have some disadvantages. For example, the Route 1 chip seal done by Caltrans last year along the North Coast drew significant criticism. The recent Caltrans project had much larger aggregate/rock size (3/8" – 1/2") which resulted in a relatively rough surface. In contrast, the County has utilized a smaller aggregate (5/16") on our roadways which tends to interlock and roll down to provide a smoother final product. Nevertheless, past County chip seal projects have proven challenging in neighborhoods, and especially in cul-de-sacs. As a result, we are not performing chip seals in neighborhoods where they are inconsistent with neighborhood activities.

Past chip sealing projects have been performed using a combination of County forces and private contractors. This year, County crews have been utilized exclusively to prepare the road surface by filling any pot holes, sealing cracks in the pavement and removing any raised pavement markings prior to the chip seal. This contract will be to apply the binder and chips. This change in approach is consistent with our Pavement Management Plan strategy for the County crews to prepare the road surface and rely on contractors to complete the chip seal work.

### **OTHER AGENCY INVOLVEMENT/IMPACT**

Various utility companies have been contacted in consideration of project impacts to their facilities. The County Clerk formally processes the bid openings.

County Counsel has approved the contract as to legal form and effect.

### **FINANCIAL CONSIDERATIONS**

This is a Pavement Management project budgeted in the Roads Fund FY 2012/13. The total project costs are estimated at \$1,048,271. Funding for the project will come from the Road Fund - Pavement Management Program.

Please see Exhibit "A" for an estimated cost breakdown of the project.

### **RESULTS**

Approval of the recommended action will result in this project being advertised for construction bids. The chip seal construction will lead to meeting the performance based budget objectives and provide a safer and more livable community.

File: Contract No. 245R12B574

Reference: 13APR02-C-3

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### **ATTACHMENTS**

1. Vicinity Maps
2. Exhibit A - Project Cost Estimates
3. Plans and Specifications